

Docket No.: 64395(70904)  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Kazuhsia Sugimura et al.

Application No.: 10/555,074 Confirmation No.: N/A

Filed: October 28, 2005 Art Unit: N/A

For: HUMAN ANTI-HUMAN INTERLEUKIN-18  
ANTIBODY, FRAGMENT THEREOF, AND  
METHOD FOR USING SAME Examiner: Not Yet Assigned

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**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

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In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 64395(70904). A duplicate copy of this paper is enclosed.

Dated: February 15, 2006

Respectfully submitted,  
By \_\_\_\_\_  
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Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	10/555,074
				Filing Date	October 28, 2005
				First Named Inventor	Kazuhisa Sugimura
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	64395(70904)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA		US-2002/0128450 A1	09/12/02		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BA		WO-2000/56771 A1	09/28/00			
BB		JP-2000-236884 (A)	09/05/00			

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CA		Haruki OKAMURA et al., "Cloning of a New Cytokine that Includes IFN- γ Production by T cells", Nature, Vol. 378:88-91 (2 November 1995)	
CB		Tomohiro YOSHIMOTO et al., "Interleukin 18 together with Interleukin 12 Inhibits IgE Production by Induction of Interferon- γ Production from Activated B Cells", Proc. Natl. Acad. Sci. USA, Vol. 94:3948-3953 (April 1997)	
CC		Kenji NAKANISHI et al., "Interleukin-18 Regulates Both TH1 and TH2 Responses", Annu. Rev. Immunol. 19:423-474 (2001)	
CD		Tomohiro YOSHIMOTO et al., "IL-18, Although Antiallergic When Administered with IL-12, Stimulates IL-4 and Histamine Release by Basophils", PNAS, 96(24):13962-13966(November 23, 1999)	
CE		Tomohiro YOSHIMOTO et al., "IL-18 Induction of IgE: Dependence on CD4 <sup>+</sup> T cells, IL-4 and STAT6", Nature Immunology, 1(2):132-137 (August 2000)	
CF		Tomohiro YOSHIMOTO et al., "Nonredundant Roles for CD 1 d-Restricted Natural Killer T Cells and Conventional CD4 <sup>+</sup> T Cells in the Induction of Immunoglobulin E Antibodies in Response to Interleukin 18 Treatment of Mice", The Journal of Experimental Medicine, 197(8):997-1005 (April 21, 2003)	
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CH		Yong GU et al., "Activation of Interferon- γ Inducing Factor Mediated by Interleukin-1 (3 Converting Enzyme", Science, 275: 206-209 (10 January 1997)	
CI		Kei-ichi YAMANAKA et al., "Skin-Specific Caspase-I-Transgenic Mice Show Cutaneous Apoptosis and pre-Endotoxin Shock Condition with a High Serum Level of IL-18", The Journal of Immunology, pp.997-1003 (2000)	
CJ		Kiyoshi TAKEDA et al., "Essential Role of Stat6 in IL-4 Signalling", Nature, 380(6575):627-630(18 April 1996)	

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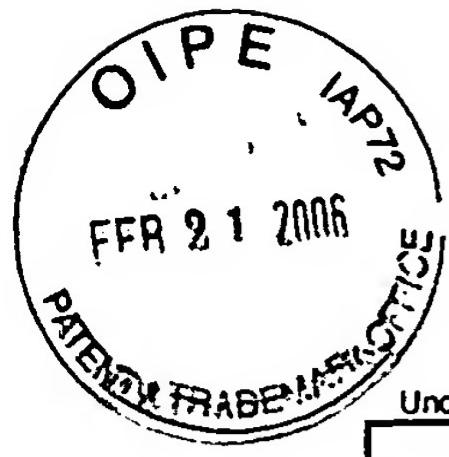
Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/555,074
				Filing Date	October 28, 2005
				First Named Inventor	Kazuhisa Sugimura
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				Examiner Name	Not Yet Assigned
Sheet	2	of	1	Attorney Docket Number	64395(70904)

	CK	Hiroko TSUTSUI et al., "IL-18 Accounts for Both TNF- α - and Fas Ligand-mediated Hepatotoxic pathways in Endotoxin-Induced Liver Injury in Mice", The Journal of Immunology, pp.3961-3967(1997)	
	CL	Hiroko TSUTSUI et al., "Caspase-1-Independent, Fas/Fas Ligand-Mediated IL-18 Secretion from Macrophages Causes Acute Liver Injury in Mice", Immunity, 11:359-367 (September 1999)	
	CM	Hiroko TSUTSUI et al., Pathophysiological Roles of Interleukin-18 in Inflammatory Liver Diseases", Immunological reviews, 174:, 192-209 (2000)	
	CN	Shau-ping LEI et al., "Characterization of the <i>Erwinia carotovora</i> <i>pelB</i> Gene and its Product Pectate Lyase", Journal of Bacteriology, pp. 4379-4383 (September 1987)	
	CO	Takahiro FUKUMOTO et al., "Peptide Mimics of the CTLA4-Binding Domain Stimulate T -Cell Proliferation", Nature Biotechnology, 16:267-270 (March 1998)	
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	CQ	Henry MILGROM, et al., "Treatment of Allergic Asthma with Monoclonal Anti-IgE Antibody", the New England Journal of Medicine, 341(26):1966-1973 (December 23, 1999)	
	CR	James D. MARKS et al., "By-passing Immunization Human Antibodies from V -gene Libraries Displayed on Phage", J. Mol. Biol., 222:581-597 (1991)	
	CS	Kouji TOMINAGA et al., "IL-12 Synergizes with IL-18 or IL-1 (3 for IFN- γ Production from human T Cells", International Immunology, 12(2):151-160 (2000)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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Approved for use through 07/31/2006. OMB 0651-0031

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